

**Amendments to the Specification:**

Please replace paragraph [0014] with the following amended paragraph:

[0014] In one embodiment, the invention is directed to miticidal compositions and use thereof to control parasitic mites of honey bees, wherein the active ingredient of the composition is a miticidally effective amount of a compound, which comprises:

(a) a ketone of the structure:



wherein y is 0 and x is 0 to 5 or wherein y is 1 or 2 and x is 3 or 2, respectively; or

(b) a compound selected from the group consisting of 1-heptanol, ethyl butyrate, benzaldehyde, heptaldehyde, and d-limonene.

Please replace paragraph [0059] with the following amended paragraph:

[0059] In this embodiment, the invention is directed to miticidal compositions and use thereof to control parasitic mites of honey bees. The miticidal compounds of the invention comprise:

(a) ketones of the structure:



wherein y is 0 and x is 0 to 5 or wherein y is 1 or 2 and x is 3 or 2, respectively; or

(b) compounds selected from the group consisting of 1-heptanol, ethyl butyrate, benzaldehyde, heptaldehyde, and d-limonene.